

In the Specification:

Please amend the specification as shown:

Please delete the paragraph on page 8, lines 27-29 and replace it with the following paragraph:

Figure 1 shows the primary structure of mouse CatSper4 protein (**SEQ ID NO: 4**). (a) Amino acid sequence; the 6 putative transmembrane domains are underlined and the pore region is in bold.

Please delete the paragraph on page 8, lines 30-32 and replace it with the following paragraph:

Figure 2 shows the primary structure of human CatSper4 protein (**SEQ ID NO: 2**). (a) Amino acid sequence; the 6 putative transmembrane domains are underlined and the pore region is in bold.